

VEHICULAR REPEATER MULTI-UNIT SYSTEM AND METHOD
FOR ALLOWING THE FIRST VEHICULAR REPEATER UNIT
ON-SCENE TO REMAIN PRIORITY

5

ABSTRACT OF THE DISCLOSURE

10 A communication system (100) including a portable radio (130) selectively
transmitting radio signals, a first vehicular repeater system (110) including a first
vehicular repeater (112) adaptable to receive radio signals transmitted by the portable
radio (130). A first mobile radio (114) is coupled to the first vehicular repeater (112) and
is adaptable to retransmit signals received by the first vehicular repeater (112). The first
vehicular repeater (112) has priority repeater status that signifies primary responsibility
for repeating the radio signals transmitted by the portable radio (130). The first vehicular
15 repeater (112) is also capable of responding to a notification signal received from a
second vehicular repeater system (120) with a priority signal to indicate that it is to
remain in priority repeater status such that the second vehicular repeater system (120)
monitors to receive the priority signal by the first vehicular repeater (112) in order to
determine its priority status.